

T-O-P S-E-C-R-E-T

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ICRS-M-26789

22 September 1969

IMAGERY COLLECTION REQUIREMENTS SUBCOMMITTEE OF COMIREX

MINUTES OF MEETING

10:00 - 12:00 Wednesday, 3 September 1969

PRESIDING

Acting Chairman

MEMBERS PRESENT

Lt. Col. B. R. Hodgson, AFNIN
Mr. J. C. St. Cyr, OACSI

Mr. J. Urban, ONI

Office of Chairman:

CONSULTANTS PRESENT

OBSERVERS PRESENT

Cdr. J. Babb, ONI

CORONA PERIGEE ALTITUDE EFFECT

1. The Chairman opened discussion of this subject by noting that it will be very difficult to maintain a satisfactory level of coverage against the KH-4 search requirement based on the present reduced launch schedule. This resulted primarily from a stretchout of the CORONA program because of a delay in [redacted] A reduction in the CORONA program to [redacted] Also the decision as to the number of CORONAs required until [redacted] was predicated on the use of UTB film at an altitude of 75 NM. This would equate in area coverage to the use of STB at an altitude of 100 NM, however, problems were encountered with UTB on an earlier mission and its use has been delayed until at least next spring.

NRO review(s) completed.

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In an effort to increase coverage of the search requirement, it was decided to launch the last J-3, Mission 1107, at a 100 NM mile altitude instead of the standard 85 miles. Chairman noted that the intelligence community had not participated in this decision and he felt since there was a possible impact on intelligence information, ICRS should review the options and make a recommendation to COMIREX regarding the optimum operating altitude. To assist ICRS in its deliberations the following presentation was provided by NPIC:

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a. [] began the briefing by stating he would address the subject from two standpoints, namely, interpretability and total area coverage for the two altitudes. Regarding the difference in area coverage, [] provided statistics for Mission 1106 which showed that a total area gain of 1,764,850 sq nm or 28% would have been realized if the mission had been flown at a 100 mile altitude. (Attached is a breakdown of the area coverage figures presented by [] He stated that while there was some loss of resolution at the higher altitude it was rather difficult to evaluate the influence of altitude on the interpretability of the photography because of such variables as haze, solar elevation, obliquity and cloud shadow. The Photo Interpretators had reported that mensuration was a little easier at the 85 mile altitude because the edges of objects were better defined. In analyzing readout for several categories of targets covered at the different altitudes, he made the following comments:



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In summarizing, [] noted that conditions under which the photography was taken influences the quality more than does the altitude. In general, the 15 NM difference in the altitude does not significantly hamper interpretation but at the same time increases the area coverage to a large extent. [] thanked [] for his fine presentation and stated that he thought a similar briefing to COMIREX would be very useful.

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2. In further discussion of the subject, the NRO member was queried concerning the amount of lead time required to change the planned altitude of a mission. The NRO responded by noting that the orbit was normally determined three weeks prior to launch, however, this could possibly be reduced to two weeks but the actual length of time would have to be confirmed later.

3. Chairman stated that he would prepare a paper to Chairman, COMIREX, setting forth an ICRS position on this matter and would distribute it to members for their consideration. Chairman noted that based on the NPIC briefing the 100 NM altitude would seem to be advantageous.

APPROVAL OF MINUTES

4. The draft minutes for meeting of 19 August were approved. Paragraph 10 was revised at the request of DIA. The Chairman distributed draft minutes for the meeting of 26 August with a request that any changes be provided by close of business 5 September. [DIA subsequently submitted recommended changes, the major item being a rewrite of paragraph 4.]

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REPORT ON OPERATIONS

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[REDACTED]

[REDACTED]

[REDACTED]
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25X1D

[REDACTED]

SOUTH CHINA/NORTH VIETNAM PRIORITIES LIST

7. The recommended changes tabled by DIA at the last meeting were approved. These changes consisted of 13 deletions from the South China portion of the list, elevating 2 targets to a priority 1 and lowering 5 to a priority 2.

PROGRAMMING REQUIREMENTS FOR MISSION 1052

8. Attached is a consolidated list of programming requirements for Mission 1052 as compiled from inputs from DIA, CIA, and ARMY. (Attachment No. II)

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CUBA

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9. Chairman queried members regarding their in house review of the reconnaissance requirement for this area. He stated that this review should be completed as soon as possible since this requirement was levied by Chairman, COMIREX back in June. [REDACTED] reported that CIA had completed the review. He tabled a paper that proposed a 50% reduction to the existing requirement and also eliminated the need for coverage of selected installations with the "H" camera. He noted that while the paper stated specific time frames for achieving coverage, he was not bound to these frequencies. [REDACTED] reported that while the DIA review would not be completed for another 10 days to two weeks, he could report that a definite modification to the requirement would be recommended. He distributed a paper which summarized the factors that DIA considered pertinent to the establishment of a requirement for this area.

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10. The Chairman reported that area coverage for the current 56-day period stood at 91.7%. [REDACTED] reported that the CIA requirement for coverage of [REDACTED] target had been satisfied by OLD HEAD Mission 97.

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-4-

[REDACTED]

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[REDACTED]

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TARGET UPDATES

12. Six target deletions held in a pending status from the previous meeting were approved.

USE OF U-2 REVIEW

13. The Chairman reported that he had provided Chairman, COMIREX, a recap of the USIB requirements in those areas where the U-2 could possibly be employed for reference in his meeting with the DDNRQ. He emphasized that the meeting was only exploratory in nature and that no commitments to use the U-2 in any specific area, not now utilized, would be made without going through the normal COMIREX machinery.

Acting Chairman
Imagery Collection Requirements
Subcommittee

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Attachments: a/s

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Attachment 1

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ASSUMPTIONS

1. All of the additional available film would be used to acquire additional ground area; thus, it would not be repetitive coverage.
2. All of the additional available film would be used for operational purposes and not for domestic or engineering acquisition.

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Attachment 11

25X1A

MISSION 1052 PROGRAMMING REQUIREMENTS

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25X1A	Plesetsk Missile and Space Center	6256N 04037E
25X1A	Yurya ICBM Launch Complex	5911N 04930E
25X1A	Verkhnyaya Salda ICBM Launch Complex	5810N 06029E
25X1A	Tyuratam Missile Test Center	4556N 06328E
	Kostroma ICBM Launch Complex	5800N 04122E
25X1A	Itatka ICBM Launch Complex	5656N 08536E
25X1A	Shadrinsk ICBM Launch Complex	5608N 06351E
25X1A	Omsk ICBM Launch Complex	5507N 07333E
25X1A	Perm ICBM Launch Complex	5742N 05602E
25X1A	Teykovo ICBM Launch Complex	5655N 04030E
	Tyumen ICBM Launch Complex	5653N 06543E
	Yedrovo ICBM Launch Complex	5749N 03328E
25X1A	Gladkaya ICBM Launch Complex	5615N 09213E
25X1A	Uzhur ICBM Launch Complex	5515N 08930E
25X1A	Kozelsk ICBM Launch Complex	5351N 03545E
25X1A	Olovyennaya ICBM Launch Complex	5059N 11557E
	Zhangiz Tobe ICBM Launch Complex	4913N 08109E
	Dombrovskiy ICBM Launch Complex	5058N 05944E
25X1A	Aleysk ICBM Launch Complex	5223N 08239E
	Kartaly ICBM Launch Complex	5259N 06031E
25X1A	Imeni Gastello ICBM Launch Complex	5103N 06614E
25X1A	Tatishchevo ICBM Launch Complex	5138N 04528E
25X1A	Akhtyrka MRBM Complex	5019N 03452E
25X1A	Aluksne MRBM Complex	5723N 02647E
25X1A	Balta MRBM Complex	4804N 02934E
	Disna MRBM Complex	5535N 02820E
	Gomel MRBM Complex	5222N 03041E
	Gresk MRBM Complex	5315N 02741E
	Gusev MRBM Complex	5442N 02204E
25X1A	Gvardeysk MRBM Complex	5442N 02109E
25X1A	Jelgava MRBM Complex	5638N 02406E
25X1A	Jonava MRBM Complex	5459N 02409E
25X1A	Konkovichi MRBM Complex	5212N 02836E
25X1A	Korosten MRBM Complex	5052N 02824E
25X1A	Kozhanovichi MRBM Complex	5211N 02748E
25X1A	Krasnoznamensk MRBM Complex	5501N 02216E
25X1A	Kurgancha MRBM Complex	3937N 06555E
25X1A	Lebedin IRBM Complex	5034N 03425E
25X1A	Maykop MRBM Complex	4428N 03957E
25X1A	Molokovitsy MRBM Complex	5929N 02908E
25X1A	Nigrande IRBM Complex	5633N 02201E
25X1A	Ostrov MRBM Complex	5734N 02812E
	Paplaka MRBM Complex	5624N 02116E
	Postavy MRBM Complex	5515N 02652E

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* Multiple coverage per bucket desired.

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Attachment II

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ICRS-M-26/09

25X1A	Pruzhany MRBM Complex	[REDACTED]	5231N 02408E
	Rakvere MRBM Complex	[REDACTED]	5910N 02623E
25X1A	Sary Ozek IRBM Complex	[REDACTED]	4433N 07746E
	Sateikiai MRBM Complex	[REDACTED]	5600N 02140E
25X1A	Sovetsk MRBM Complex	[REDACTED]	5459N 02132E
	Taurage MRBM Complex	[REDACTED]	5507N 02219E
25X1A	Torva MRBM Complex	[REDACTED]	5757N 02605E
25X1A	Ugolnyy MRBM-IRBM Site	[REDACTED]	6447N 17758E
25X1A	Ukmerge MRBM Complex	[REDACTED]	5510N 02439E
25X1A	Usovo MRBM Complex	[REDACTED]	5118N 02812E
	Voru MRBM Complex	[REDACTED]	5747N 02649E
	Yelsk MRBM Complex	[REDACTED]	5143N 02913E
25X1A	Zagare MRBM Complex	[REDACTED]	5626N 02320E
25X1A	Zhitomir MRBM Complex	[REDACTED]	5007N 02816E
	Zhmerinka MRBM Complex	[REDACTED]	4909N 02808E
	Znamensk MRBM Complex	[REDACTED]	5434N 02109E
	Kapustin Yar Missile Test Center	[REDACTED]	25X1A 4842N 04600E
	Sary Shagan Missile Test Center	[REDACTED]	4611N 07241E
	Shuang Cheng Tzu Missile Test Center	[REDACTED]	25X1A 4108N 10015E
25X1A	Emba Missile Test Center	[REDACTED]	4838N 05803E
	Tai Yuan Expl A Solid Mtr Prod P/T 245	[REDACTED]	25X1A 3759N 11231E
25X1A	Severodvinsk Shipyard 402	[REDACTED]	6434N 03949E
	Vladivostok Naval Base and Shipyard 202	[REDACTED]	25X1A 4306N 13155E
25X1A	Moskva ABM Search Area	[REDACTED]	5545N 03737E
25X1A	Leningrad ABM Search Area	[REDACTED]	5955N 03020E
25X1A	Tallinn SAM Cplx B 28-5	[REDACTED]	5924N 02419E
25X1A	Pei Ching SAM Site C14-2	[REDACTED]	3934N 11645E
25X1A	Chelyabinsk SAM Site C36-2	[REDACTED]	5530N 06120E
25X1A	Chernyakhovsk SAM Site B21-3	[REDACTED]	5420N 02135E
25X1A	Gorkiy SAM Site C21A-2	[REDACTED]	5550N 04334E
25X1A	Kuressaare SAM Site B02-2	[REDACTED]	5833N 02235E
25X1A	Kuressaare SAM Site C22-3	[REDACTED]	5755N 02203E
25X1A	Riga SAM Site A32-3	[REDACTED]	5701N 02359E
25X1A	Rostov SAM Site A06-2	[REDACTED]	4718N 03952E
	Valday SAM Site B31A-2	[REDACTED]	5809N 03246E
25X1A	Bobrovskiy IRBM Rear Depot	[REDACTED]	5640N 06104E
25X1A	Dolon Airfield	[REDACTED]	5032N 07910E
	Hsi An Airframe Pl Yen Liang 172	[REDACTED]	25X1A 3438N 10913E
	Chang Chun/Ta Fang Shen Airfield	[REDACTED]	4354N 12512E
25X1A	Cheng Chou Airfield	[REDACTED]	3446N 11343E
25X1A	Kai Feng Airfield	[REDACTED]	25X1A 3445N 11420E
	Shuang Liao/Cheng Chia Tun Airfield	[REDACTED]	4335N 12334E

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25X1A

25X1A An Shan Airfield

4106N 12251E

25X1A Ivanovo N AF

5703N 04058E

25X1A Alma Ata Airfield

4320N 07702E

25X1A Tula N AF

5414N 03736E

25X1A Seshcha Airfield

5342N 03320E

25X1A Chang Chia Kou SE AF

4044N 11455E

25X1A Sha Ho Airfield

3653N 11425E

25X1A Ulsan Baatar Southwest Airfield

4750N 10645E

25X1A Choybalsan NE AF

4808N 11439E

Nalayha Airfield

4744N 10722E

Prince Hasan AF

3209N 03708E

25X1A Ruwayshid Airfield

3224N 03908E

Domna

5154N 11308E

25X1

4047N 08942E

5025N 07750E

2152N 13859E

4211N 08719E

5032N 13703E

25X1A Komsomolsk Shipyard Amur 199

4636N 07431E

4600N 07339E

4538N 07236E

25X1A

25X1A Sary Shagan ASAT/Space Tracking Radar Fac

25X1A Sary Shagan R&D Radar Facility 1

25X1A Sary Shagan Trkng Fac 3

25X1A Shih Shan Chan Army Bks NE AL-1

4117N 12133E

3444N 11258E

25X1A Hsiao I Army Depot S LL-2

25X1A Yu Tzu Ammo Depot NE

3722N 11431E

3425N 11538E

3440N 11220E

3917N 11747E

5325N 01549E

5257N 01255E

25X1A

25X1A Shang Chiu Army Bks Central South AL-2

25X1A Lo Yang Army Sch and Bks AL-1

25X1A Lu Tai Army Bks AL-1

25X1A Drawsko Tng Area 401

25X1A Neuruppin Ammo Dpo Wulkow 502

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TOP SECRET

Attachment 11

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Holiday areas (to include holidays in Mongolia)

Sino/Soviet border areas bounded by:

- a. 42°N - 50°N
 80°E - 89°E
- b. 47°N - 54°N
 124°E - 130°E
- c. 43°N - 50°N
 129°E - 136°E

China area search:

- a. Area south of 30° North, east of 97° East

- b. Possible Impact area, bounded by:

$41^{\circ}09'\text{N}$ - $80^{\circ}14'\text{E}$
 $39^{\circ}29'\text{N}$ - $75^{\circ}58'\text{E}$
 $37^{\circ}07'\text{N}$ - $79^{\circ}55'\text{E}$

- c. Possible MRBM Deployment areas:

1. Bounded on the north by Liu-chia-tien ($50-09\text{N}$ $124-14\text{E}$) and Sun-wu ($49-25\text{N}$ $127-22\text{E}$); bounded on the south by Ch'eng-te ($40-58\text{N}$ $117-53\text{E}$) and Ho-lung ($42-38\text{N}$ $129-33\text{E}$).
2. Bounded on the north by Chiu-chiang ($29-44\text{N}$ $115-59\text{E}$) and Hangchou ($30-15\text{N}$ $120-10\text{E}$); bounded on the south by Kowloon, Hong Kong ($22-20\text{N}$ $114-10\text{E}$) and Amoy ($24-27\text{N}$ $118-05\text{E}$).
3. Bounded on the north by Hsin-hua ($27-45\text{N}$ $111-18\text{E}$) and Chiu-chiang ($29-44\text{N}$ $115-59\text{E}$); bounded on the south by Mao-ming ($21-55\text{N}$ $110-52\text{E}$) and Kowloon, Hong Kong ($22-20\text{N}$ $114-10\text{E}$).
4. Bounded on the north by Ya-an ($29-59\text{N}$ $102-52\text{E}$) and Feng-hsien ($33-52\text{N}$ $106-33\text{E}$); bounded on the south by Ping-hsiang ($22-06\text{N}$ $106-04\text{E}$) and Nan-ning ($22-49\text{N}$ $108-19\text{E}$).

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Entire area of following countries:

- a. North Korea
- b. North Vietnam
- c. Egypt

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- e. Syria
- f. Lebanon
- g. Iraq
- h. Algeria
- i. Jordan (West of 36° East)

Liberia area bounded by:

0800N/01100W; 0800N/00900W
0600N/01100W; 0600N/00900W

Iran area bounded by:

3730N/05000E; 3700N/05330E
2630N/05000E; 2630N/05330E

Mapping and charting areas outside the Eurasian Communist world

KH-4 domestic targets, to include:

Kodiak Island 573730N 1523730W
Ft. Randall 550730N 1623730W
Camille diaster area bounded by: 29°N - 31°N
86°W - 91°W

Northwest Passage (Ice Coverage)

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ICRS-M-26-69
28 August 1969

IMAGERY COLLECTION REQUIREMENTS SUBCOMMITTEE OF COMIREX

AGENDA

10:00, 3 September 1969, Room 2G-22 Headquarters

1. NPIC Briefing - CORONA Perigee Altitude Effect
2. Approval of Minutes - 19, 26 August Meetings
3. Operational Report - NRO
4. South China/North Vietnam Priorities List
(ICRS-D-6/18-5, 22 August 1969)
5. Programming Requirements - Mission 1052
6. Revised Cuban Requirements - Chairman
7. Other Business

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Group I
Excluded from automatic down-
grading and declassification

T O P S E C R E T

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